

### Remarks

This is in response to the election/restriction requirement of September 20, 2007.

In the instant case, claims 1-27 are directed to articles *per se*; claims 28-32 are directed to methods of using; claims 33-50 are directed to methods of making.

In the requirement for election/restriction, various request for election of species were made. Each of these is addressed separately below.

In response to the requirement to elect an article species, applicants hereby elect "***orthopedic implant.***" (*see, e.g., claim 21*)

In response to the requirement to elect a surface portion species, applicants hereby elect "***metals.***" (*see, e.g., claim 2*)

In response to the requirement to elect a linking layer bonding species, applicants hereby elect "***covalent.***" (*see, e.g., paragraph 39*)

In response to the requirement to elect an anchoring group species, applicants hereby elect, for the metal *tungsten*, "***-SSR where R is H.***"

In response to the requirement to elect an initiator species from among those listed in paragraph 39, applicants hereby elect "***bromoisobutyrate.***"

In response to the requirement to elect spacers from among those listed in paragraph 42, applicants hereby elect "***....saturated alkylene of 3 to 20 carbon atoms, i.e., -(CH<sub>2</sub>)<sub>4</sub>- where n is an integer of 3 to 20 inclusive....***"

In response to the requirement to elect a technique of depositing of the anchoring (linking) layer from among those set forth in paragraph 43, applicants hereby elect "***printing.***"

In response to the requirement to elect, for brush polymer formation, a protein resistant head group, from among those set forth in paragraph 46-59, applicants hereby elect "***tri(sarcosine) (Sarc).***" (*see also claims 14 and 46*).

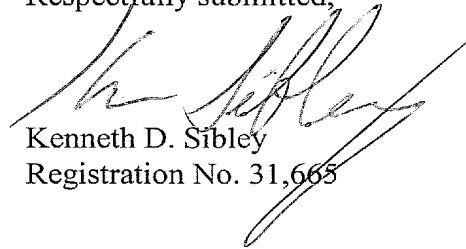
In response to the requirement to elect, for brush polymer formation, a core vinyl monomer from among those set forth in paragraph 45, applicants hereby elect "***acrylonitriles.***" (*see also claims 11 and 43*).

Each of the foregoing election is without traverse to the extent it is understood that, upon the finding of an allowable species, examination will continue with the non-elected species until a non-allowable species is found, or all of the species and the generic claims have been examined, as provided by 37 CFR 1.141.

Currently, claims 1-5, 7-14, 16-19, 21, 28-37, 39-46, and 48-50 are believed to be readable on the elected species.

It is respectfully submitted that this application is in condition for substantive examination, which action is respectfully requested.

Respectfully submitted,



Kenneth D. Sibley  
Registration No. 31,665

**USPTO Customer No. 20792**  
Myers Bigel Sibley & Sajovec, P.A.  
P. O. Box 37428, Raleigh, NC 27627  
Telephone: (919) 854-1400  
Facsimile: (919) 854-1401